CLAIMS

1. A cushion suitable for use in an aircraft seat, said cushion comprising a foam structure having a first region of a low-density flame retardant foam, a second region of a flame retardant polyurethane foam and a sealing barrier disposed at the interface between said first and second regions.

2. A cushion as claimed in claim 1, wherein the second region encloses, at least in part, a core comprising the first region.

3. A cushion as claimed in claim 1 or claim 2, wherein the sealing barrier comprises any of polyethylene, polyurethane or polyvinylchloride.

4. A cushion as claimed in any preceding claim, wherein the ratio of the volume of the first region to the second region is in the range from 20:80 to 80:20 (volume to volume).

5. A cushion as claimed in any preceding claim, wherein the ratio of the volume of the first region to the second region is substantially 50:50 (volume to volume).

6. A cushion as claimed in any preceding claim, wherein the first region comprises foam having a density within the range of 5 to 15 kg/m^3.

7. A cushion as claimed in any preceding claim, wherein the first region comprises foam having a density within the range from 8 to 12 kg/m^3.

8. A cushion as claimed in any preceding claim, wherein the first region comprises Melamine foam.

9. A cushion as claimed in any preceding claim, wherein the second region comprises a foam having a density within the range from 30 to 70 kg/m^3.

10. A cushion as claimed in any preceding claim, wherein the second region comprises a foam having a density within the range from 40 to 65 kg/m^3.

11. A cushion as claimed in any preceding claim, wherein the second region comprises a polyurethane foam.

12. A cushion as claimed in any preceding claim, wherein the second region comprises at least one flame retardant additive.

13. A cushion as claimed in any preceding claim, wherein a fire blocking layer is provided over at least a part of the second region.

14. An aircraft seat comprising a cushion as defined in any of claims 1 to 13.

15. A method of manufacturing a cushion suitable for use in an aircraft seat as claimed in claim 1, said method comprising the steps of:

(i) fabricating the low-density flame retardant foam into the desired configuration;

(ii) coating the surface of said low-density flame retardant foam with a sealant barrier; and

(iii) applying the flame retardant polyurethane foam to the sealing barrier.